

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 1 of 5

**Complete if Known**

Application Number	10/509,980
Filing Date	January 3, 2005
First Named Inventor	Peder Oscar Andersen, et al.
Art Unit	1615
Examiner Name	Sheikh, Humera N.
Attorney Docket No.	60275-USA

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (If known)			
		US-5,015,448	05-14-1991	GUTEC Gesellschaft zur	
		US-3,682,654	08-08-1972	General Mills, Inc.	
		US-6,214,376 B1	04-10-2001	Banner Pharmacaps, Inc.	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)				
		JP 48-16183 B	05-19-1973	Snow Brand Milk Products Co., Ltd.	Partial Translation	<input checked="" type="checkbox"/>
		EP 0212875	04-03-1987	Tucker, William Gough		<input checked="" type="checkbox"/>
		JP 09-327501 A	12-22-1997	Kao Corporation		<input checked="" type="checkbox"/>
		JP 55-7241 A	01-19-1980	Nippon Carbide Industries Co., Inc.	Partial Translation	<input checked="" type="checkbox"/>
		JP 58-172313 A	10-11-1983	Morishita Jintan Corporation	Partial Translation	<input checked="" type="checkbox"/>
		JP 59-88420 A	05-22-1984	Teisan Seiyaku Co., Ltd.	Partial Translation	<input checked="" type="checkbox"/>
		JP 03280846- Abstract	12-11-1991	Snow Brand Milk Products Co., Ltd.	Abstract Only	<input checked="" type="checkbox"/>
		JP 04046099- Abstract	07-28-1992	Snow Brand Milk Products Co., Ltd.	Abstract Only	<input checked="" type="checkbox"/>
		JP 2519485- Abstract	07-31-1996	Snow Brand Milk Products Co., Ltd.	Abstract Only	<input checked="" type="checkbox"/>
		JP 2589556- Abstract	03-12-1997	Snow Brand Milk Products Co., Ltd.	Abstract Only	<input checked="" type="checkbox"/>
		HU 53800- Abstract	12-28-1990	Snow Brand Milk Products Co., Ltd.	Abstract Only	<input checked="" type="checkbox"/>
						<input type="checkbox"/>

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<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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Art Unit	1615
Examiner Name	Sheikh, Humera N.
Attorney Docket No.	60275-USA

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		US-6,106,815	08-22-2000	Cheil Jedang Corporation	
		US-6,165,615	12-26-2000	Takasago International Corp.	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		EP-0173915-B1	08-12-1992	Vorlop, Klaus- Dieter, Prof. Dr.	Abstract and English Claims	<input checked="" type="checkbox"/>
		WO-99/18938	04-22-1999	Perio Products Ltd.		<input type="checkbox"/>
		JP-07297573	04-28-1997	Lion Corp.	Abstract Only	<input checked="" type="checkbox"/>
		JP-02078799	12-11-1991	Snow Brand Milk Prod. Co. Ltd.	Abstract Only	<input checked="" type="checkbox"/>
		JP-01082853	02-05-1990	Snow Brand Milk Prod. Co. Ltd.	Abstract Only	<input checked="" type="checkbox"/>
		JP-62282772	05-16-1989	Snow Brand Milk Prod. Co. Ltd.	Abstract Only	<input checked="" type="checkbox"/>
		FR-2521428 A1	08-19-1983	CECA SA		<input checked="" type="checkbox"/>
		DE-19922537 A1	11-16-2000	Bodmeier, Roland, Prof. Dr.		<input checked="" type="checkbox"/>
		JP-59166916	03-04-1986	Taisho Pharmaceut Co. Ltd.		<input checked="" type="checkbox"/>
		GB-1163023 A	09-04-1969	G.W. Pelikan- Werke		<input checked="" type="checkbox"/>
		JP-63-265514	04-26-1990	Snow Brand Milk Prod. Co. Ltd.	Abstract Only	<input checked="" type="checkbox"/>

Examiner Signature		Date Considered	
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SHEET 3 of 5

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Art Unit	1615
Examiner Name	Sheikh, Humera N.
Attorney Docket No.	60275-USA

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		Number - Kind Code <sup>2</sup> (If known)			
		US-5,882,680	03-16-1999	Freund Industrial Co., Ltd.	
		US-5,756,123	05-26-1998	Japan Elanco Co., Ltd.	
		US-4,507,327	03-26-1985	Q.P. Corporation	
		US-6,325,859 B1	12-04-2001	Givaudan Roure (International) SA.	
		US-5,976,604	11-02-1999	Mitsubishi Chemical Corporation	
		US-6,251,661 B1	06-26-2001	Morishita Jintan Co., Ltd.	
		US-5,362,564	11-08-1994	Morishita Jintan Co., Ltd.	
		US-5,330,835	07-19-1994	Morishita Jintan Co., Ltd.	
		US-4,690,816	09-01-1987	Fujisawa Pharmaceutical Co., Ltd.	
		US-4,422,985	12-27-1983	Morishita Jintan Co., Ltd.	
		US-4,481,157	11-06-1984	Morishita Jintan Co., Ltd.	
		US-4,426,337	01-17-1984	Morishita Jintan Co., Ltd.	
		US-4,422,985	12-27-1983	Morishita Jintan Co., Ltd.	
		US-5,478,570	12-26-1995	Morishita Jintan Co., Ltd.	
		US-4,695,466	09-22-1987	Morishita Jintan Co., Ltd.	
		US-5,629,187	05-13-1997	LVMH Recherche	

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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)				
		GB-2192171 A	01-06-1988	Ramot University		<input checked="" type="checkbox"/>
		WO 89/01034	02-09-1989	The Regents of the University of Michigan		<input type="checkbox"/>
		DE-3913772 - Abstract	10-31-1990	Gutec GMBH (DE)	Abstract Only	<input checked="" type="checkbox"/>
		EP-1025842 A1	08-09-2000	Morishita Jintan Co., Ltd.		<input checked="" type="checkbox"/>
						<input type="checkbox"/>

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SHEET 4 of 5

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First Named Inventor	Peder Oscar Andersen, et al.
Art Unit	1615
Examiner Name	Sheikh, Humera N.
Attorney Docket No.	60275-USA

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		Number - Kind Code <sup>2</sup> (If known)			
		US-2004/0022845 A1	02-05-2004	N/A	
		US-2003/0219514 A1	11-27-2003	N/A	
		US-2003/0082272 A1	05-01-2003	Givaudan SA	

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		EP-1020177 A1	07-19-2000	Morishita Jintan Co., Ltd.		<input checked="" type="checkbox"/>
		JP-62282772	05-16-1989	Snow Brand Milk Ltd.		<input checked="" type="checkbox"/>
		JP-01082853	02-05-1990	Snow Brand Milk Ltd.		<input checked="" type="checkbox"/>
		WO-2004060356 A1	07-22-2004	Paris, Laurence		<input type="checkbox"/>
		WO-2003030874 A1	04-17-2003	Universite Louis Pasteur		<input type="checkbox"/>
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<b>SHEET 5 of 5</b>	Attorney Docket No.	60275-USA

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		"Liquid Core Hydrocolloid-Oil Capsules Produced in a Single Step", Nussinovitch, et al., Food Hydrocolloids, 1997, 11, 209, Pages 325 to 331.	<input type="checkbox"/>
		P. Spiekermann, et al., (1987), "Animal Cells Encapsulated within Ca-Alginate Hollow-Spheres", Proc. 4 <sup>th</sup> European Congress on Biotechnology; Volume 3, Pages 590-593; Elsevier Science Publishers B.V., Amsterdam, Printed in the Netherlands.	<input type="checkbox"/>
		Research Article "A Novel, Self Correcting Membrane Coating Technique", Hitesh R. Bhagat, Pharmaceutical Research, Vol. 8, No. 5, 1991, Pages 576-583.	<input type="checkbox"/>
		"Cell Immobilization within Coated Alginate Beads or Hollow Fibers Formed by Iontropic Gelation", Vorlop, et al., 1987, Enzyme Engineering, 8, Pages 339-342.	<input type="checkbox"/>
		Patel, et al. (2000) "A Novel Encapsulation Technique for the Production of Artificial Seeds", Plant Cell Reports, 19, 868-874.	<input type="checkbox"/>
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